## BIRCH, STEWART, KOLASCH & BIRCH, LLP

## PLEASE NOTE:

## COMBINED DECLARATION AND POWER OF ATTORNEY

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YOU MUST	DOD DATES	TT DECICAL AD	DITCATIONS	0033-0789P	,
COMPLETE THE		IT AND DESIGN AP			
FOLLOWING:	As a below named invente	or, I hereby declare that: my	residence, post office addr	ess and citizens	ship are as
	stated next to my name; that I	verily believe that I am the o	original, first and sole inven	tor (if only on	e inventor
	is named below) or an origin	al, first and joint inventor (	if plural inventors are nam	ed below) of the	he subject
v	matter which is claimed and f SATELLITE BROADCA	or which a patent is sought	on the invention entitled:		3
Insert Title:				LOCÂL	
	OSCILLATION CIRCU	ITS AND REDUCED	SPURIOUS SIGNAL		
	-		<u> </u>		
Fill in Appropriate	the specification of which is a	trached hereto. If not attac	hed hereto		
Information -		was filed on			
For Use Without Specification				as	
Attached:	United States Appli	cation Number	· · · · · · · · · · · · · · · · · · ·	and /or	
	the specification	was filed on		as PCT	
	International Appli	cation Number		: and was	
	amended under PC	T Article 19 on	(if a	onlicable)	
				•	
	I hereby state that I have	reviewed and understand	the contents of the above	identified spec	cification,
	including the claims, as amen	ded by any amendment ref	erred to above.	-	
			ch is material to patentabili	ty as defined ir	ı Title 37.
	Code of Federal Regulations,	§1.56.	•	•	,
			nown or used in the United	States of Ameri	ica before
	my or our invention thereof, o	r patented or described in a	any printed publication in a	ny country befo	ore my or
	our invention thereof or more	than one year prior to this	s application, that the same	was not in nut	ic use or
· ·	on sale in the United States of	America more than one yea	r prior to this application the	hat the invention	ne ase or
*****	been patented or made the su	piect of an inventor's certific	cate issued before the date of	of this applicat	ion in any
	country foreign to the United	States of America on an ar	polication filed by me or my	z legal represer	tatives or
	assigns more than twelve mont	hs (six months for designs)	prior to this application an	d that no appli	cation for
t the state of the	patent or inventor's certificate	on this invention has been	filed in any country foreign	n to the United	States of
j	America prior to this applicati	on by me or my legal repre	sentatives or assigns, excen	t as follows	i Diaics Of
	I hereby claim foreign pr	iority henefits under Title	35, United States Code, §11	(0 (2)-(d) of ar	v foreign
	application(s) for patent or i	nventor's certificate listed	below and have also ident	ified below an	y foreign
	application for patent or inve	ntor's certificate having a	filing date before that of the	ne application	on which
u,co₽	priority is claimed:	mor s cerumeate maying a	ining date before that of the	ic application	OII WILLCII
Insert Priority	priority is claimed.				
Information:	Prior Foreign Application	(s)		Priority	Claimed
(if appropriate)	2001-044707(P)	`´Japan	February/21/20	001 🕱	П
<b>D</b>	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
225				- <u> </u>	
	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
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¥	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
					П
	(Number)	(Country)	(Month/Day/Year Filed)	- □ Yes	No
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	(Number)	(Country)	(Month/Day/Year Filed)	- ⊔ Yes	No
	I hereby claim the benefi	under Title 35, United Sta	ates Code, §119(e) of any U		
Insert Provisional	application(s) listed below.	,	, 0 = (=, = = ===, =	P	
Application(s):					
(if any)	(Application Number)		(Filing Dat	:e)	
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All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application:

(Filing Date)

Date of Filing (Month/Day/Year)

Insert Requested Information: (if appropriate)

> I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Insert Prior U.S. Application(s): (if any)

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)		
(Application Number)	(Filing Date)	(Status - natented pending abandoned)		

0033-0789P

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Terrell C. Birch	(Reg. No. 19,382)	Raymond C. Stewart	(Reg. No. 21,066)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
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Joe McKinney Muncy	(Reg. No. 32,334)	Andrew F. Reish	(Reg. No. 33,443)
C. Joseph Faraci	(Reg. No. 32,350)	Donald J. Daley	(Reg. No. 34,313)

Send Correspondence to:

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

(USPTO Approved 3-90) (Revised 8-97)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

in the second se					
Full Name of First or Sole	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*
Insert Name of Inventor	Motohisa	NISHINA	motohisa Nishina		February 1, 2002
Document is Signed	Residence (City, State			CITIZENSHIP	
Insert Residence		oshima-shi, Hi		Japanes	9
Insert Post Office	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) 1559-2-#226, Oaza Sukezane, Saijo-cho, Higashihiroshima-shi,				
•	Hiroshima. Ja GIVEN NAME	pan FAMILY NAME	INVENTOR'S SIGNATURE	<del></del>	DATE*
Full Name of Second Inventor, if any:	GIVEN NAIVIE	PAMILI NAME	INVERTIONS SIGNATURE		DAIL
see above	Residence (City, State	e & Country)		CITIZENSHIP	
-	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)				
Full Name of Third	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	<del></del>	DATE*
Inventor, if any					
see above	Residence (City, State	e & Country)		CITIZENSHIP	
	POST OFFICE ADDR	ESS (Complete Street Address	s including City, State & Country)	<b>L</b>	
Full Name of Fourth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	-,	DATE*
see above	Residence (City, State	e & Country)	J	CITIZENSHIP	
	Residence (City, State & Country)				
	POST OFFICE ADDR	ESS (Complete Street Address	s including City, State & Country)		
Full Name of Fifth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*
see above	Residence (City, State	e & Country)	<u></u>	CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)					
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Page 2 of 2	* DATE OF SIGNATUR	E			